

LOGMASTER LM750+

SOLID STATE RECORDING VOLTMETER

The LM750+ is a rugged battery operated data recorder which may be used to monitor and record voltages up to 750 Vac.

FEATURES:

- Auto Ranging
- CAT IV Rated safety leads included
- Wide Temperature operation
- Weatherproof enclosure designed for outdoor use
- Long battery life
- 3 1/2 Digit LCD display
- 1 second input sampling
- Padded pouch with pole mounting straps
- Includes data analysis software
- Front panel switches for field initialization



The LM750+ is a rugged voltage recorder which may be used to investigate customer voltage complaints indoors, or monitor pole top distribution voltages in all weather conditions. The voltage inputs are sampled once per second. The LM750+ will record the average of these samples over a user selected interval of 1, 5, or 15 minutes. If the user selects Minimum, Maximum, Average mode, the minimum and maximum voltage detected during the interval will also be retained in memory. The recorder may be configured to record continuously, or stop recording when the memory has become full.

Using a Logmaster LMI-4 or LMI-5 USB computer Interface and the EG2000 windows software, the contents of the recorder may be downloaded to a personal computer. Once downloaded, the user may view the data in a high resolution graphical format, analyze, and attach comments or notes to the data file. Multiple LM750+'s may be used to combine and analyze multi-phase voltages, or compare time coincident data files collected from different locations of a distribution circuit.

The LM750+ comes complete with safety fused leads, data analysis software, and a padded carrying pouch. The padded pouch includes adjustable straps and hooks so that it may be securely attached to a powerline pole and left outdoors to collect data.

LOGMASTER LM750+ SPECIFICATIONS

Voltage Ranges: 0 - 750 V

Accuracy: Lo: (1% of rdg. ± 0.2) V
Hi: (1% of rdg. ± 1) V

Resolution: Below 200V: 0.2 V
Above 200V: 1 V

Maximum Voltage: 750 Vac

Stored Data:

Average Mode - Average of all samples taken once per second during the specified period.

Average/Minimum/Maximum Mode - 3 readings stored per period; average as above, also the minimum and maximum voltage values which occurred during this period.

Memory Modes:

Stop - Records until memory is filled

Continuous - When memory filled, new data overwrites old (wraparound).

Data Capacity:

<i>Rec Int.</i>	<i>Data Mode</i>	<i>Days Storage</i>
15 min	Avg	130*
5 min	Avg	44
1 min	Avg	9
15 min	Avg/Min/Max	44
5 min	Avg/Min/Max	15
1 min	Avg/Min/Max	3

Batteries: (6) Standard AA Alkaline

Temperature Range: -40 C to +55 C

Weight: 1.7 lb (0.8 Kg)

Dimensions: 19 x 8.1 x 5.5 cm

* May be limited by battery life, especially at low temperature

Contact us to upgrade your DRV, ERV & LM750 to LM750+



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